

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 99/08842

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N5/445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 49242 A (HUNWICH KEITH ; SCHEIN STEVEN (US); ALBA THERESA (US); FOLKER DAVID) 24 December 1997 (1997-12-24)	1,2,5, 25,26, 29,55
Y	column 17, line 16 - column 20, line 21	4,6,7, 11-13, 15,28, 30,31, 35-37, 39,56-60
Y	WO 97 07656 A (BACKWEB) 6 March 1997 (1997-03-06) page 6, line 35 - page 21	4,28
Y	WO 98 06219 A (STARSIGHT TELECAST INC) 12 February 1998 (1998-02-12) page 10, line 35 - page 11, line 2	6,7,30, 31
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"5" document member of the same patent family

Date of the actual completion of the international search

7 July 1999

Date of mailing of the international search report

16/07/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Materne, A

INTERNATIONAL SEARCH REPORT

Int. l. Application No.

PCT/US 99/08842

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 585 866 A (DARATA PAUL ET AL) 17 December 1996 (1996-12-17)	1
Y	column 7, line 48 - column 36, line 48	11-13, 15-18, 35-37, 39-42, 56,57, 59,60
Y	WO 98 17064 A (WESTBERG THOMAS E ;KWOH DANIEL S (US); LEUNG ELSIE Y (US); MANKOVI) 23 April 1998 (1998-04-23) page 3, line 30 - page 8, line 6	16-18, 40-42,58

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No

PCT/US 99/08842

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9749242 A	24-12-1997	AU 3223097 A	07-01-1998
WO 9707656 A	06-03-1997	US 5913040 A	15-06-1999
		AU 6751396 A	19-03-1997
		CA 2229927 A	06-03-1997
		EP 0886825 A	30-12-1998
WO 9806219 A	12-02-1998	AU 3908297 A	25-02-1998
		EP 0919097 A	02-06-1999
US 5585866 A	17-12-1996	US 5781246 A	14-07-1998
		AU 705839 B	03-06-1999
		AU 6092996 A	30-12-1996
		CA 2223018 A	19-12-1996
		EP 0830787 A	25-03-1998
		PL 323830 A	27-04-1998
		WO 9641477 A	19-12-1996
		US 5589892 A	31-12-1996
		US 5822123 A	13-10-1998
WO 9817064 A	23-04-1998	AU 4823197 A	11-05-1998